RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/091,177A_
Source: _1 Fw 16_
Date Processed by STIC: _4/14/05_

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: /0/09/,/77A   CRF Edit Date: 4/15/05
                                   Edited by: __

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

____ Deleted: __ invalid beginning/end-of-file text ; ___ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

IFW16

```
        RAW SEQUENCE LISTING              DATE: 04/15/2005
        PATENT APPLICATION:  US/10/091,177A      TIME: 17:02:20

        Input Set : A:\PTO.AMC.txt
        Output Set: N:\CRF4\04152005\J091177A.raw
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 4 <110> APPLICANT: Becker, Frank
 5        Come, Jon
 6        Kley, Nikolai A.
 7        Reichel, Christoph
 9 <120> TITLE OF INVENTION: THREE HYBRID ASSAY SYSTEM
11 <130> FILE REFERENCE: DFMP-P01-018
13 <140> CURRENT APPLICATION NUMBER: 10/091,177A
14 <141> CURRENT FILING DATE: 2002-03-04
16 <150> PRIOR APPLICATION NUMBER: 60/272,932
17 <151> PRIOR FILING DATE: 2001-03-02
19 <150> PRIOR APPLICATION NUMBER: 60/278,233
20 <151> PRIOR FILING DATE: 2001-03-23
22 <150> PRIOR APPLICATION NUMBER: 60/329,437
23 <151> PRIOR FILING DATE: 2001-10-15
25 <160> NUMBER OF SEQ ID NOS: 13
27 <170> SOFTWARE: PatentIn version 3.1
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 36
31 <212> TYPE: DNA
32 <213> ORGANISM: artificial sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: primer for dihydrofolate reductase
37 <400> SEQUENCE: 1
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41 <210> SEQ ID NO: 2
42 <211> LENGTH: 37
43 <212> TYPE: DNA
44 <213> ORGANISM: artificial sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: primer for dihydrofolate reductase
49 <400> SEQUENCE: 2
50 gggggcggcc gcttaccgcc gctccagaat ctcaaag                   37
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54 <211> LENGTH: 48
55 <212> TYPE: DNA
56 <213> ORGANISM: artificial sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: primer for glucocorticoid receptor
61 <400> SEQUENCE: 3
62 ggggtcgaca tgggtggtgg tggtggtggt gcaggagtct cacaagac       48
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 30
67 <212> TYPE: DNA
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RAW SEQUENCE LISTING   DATE: 04/15/2005
PATENT APPLICATION: US/10/091,177A   TIME: 17:02:20

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\04152005\J091177A.raw**

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 68 <213> ORGANISM: artificial sequence
 70 <220> FEATURE:
 71 <223> OTHER INFORMATION: primer for glucocorticoid receptor
 73 <400> SEQUENCE: 4
 74 gggggcggcc gcttttttgat gaaacagaag                                    30
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 78 <211> LENGTH: 23
 79 <212> TYPE: DNA
 80 <213> ORGANISM: artificial sequence
 82 <220> FEATURE:
 83 <223> OTHER INFORMATION: primer for hCDK2
 85 <400> SEQUENCE: 5
 86 gggtcgacgc atggagaact tcc                                            23
 89 <210> SEQ ID NO: 6
 90 <211> LENGTH: 22
 91 <212> TYPE: DNA
 92 <213> ORGANISM: artificial sequence
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: primer for hCDK2
 97 <400> SEQUENCE: 6
 98 gggcggccgc tcagagtcga ag                                             22
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 24
103 <212> TYPE: DNA
104 <213> ORGANISM: artificial sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: primer for hCDK4
109 <400> SEQUENCE: 7
110 gggtcgacgc atggctacct ctcg                                           24
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 26
115 <212> TYPE: DNA
116 <213> ORGANISM: artificial sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: primer for hCDK4
121 <400> SEQUENCE: 8
122 gggcggccgc tcaggctgta ttcagc                                         26
125 <210> SEQ ID NO: 9
126 <211> LENGTH: 37
127 <212> TYPE: DNA
128 <213> ORGANISM: artificial sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: primer DHFR
133 <400> SEQUENCE: 9
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137 <210> SEQ ID NO: 10
138 <211> LENGTH: 34
139 <212> TYPE: DNA
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Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\04152005\J091177A.raw**

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143 <223> OTHER INFORMATION: primer Sec62
145 <400> SEQUENCE: 10
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149 <210> SEQ ID NO: 11
150 <211> LENGTH: 35
151 <212> TYPE: DNA
152 <213> ORGANISM: artificial sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: primer Sec62
157 <400> SEQUENCE: 11
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161 <210> SEQ ID NO: 12
162 <211> LENGTH: 47
163 <212> TYPE: DNA
164 <213> ORGANISM: artificial sequence
166 <220> FEATURE:
167 <221> NAME/KEY: misc_feature
168 <222> LOCATION: (47)..(47)
169 <223> OTHER INFORMATION: oligo-dT primer
172 <400> SEQUENCE: 12
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176 <210> SEQ ID NO: 13
177 <211> LENGTH: 132
178 <212> TYPE: DNA
179 <213> ORGANISM: artificial sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: multiple cloning site of vector pACT2
185 <400> SEQUENCE: 13
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188 catatggcca tggaggcccc ggggatccga attcgagctc gagagatcta tgaatcgtag  120
190 atactgaaaa ac                                                      132
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VERIFICATION SUMMARY   DATE: 04/15/2005
PATENT APPLICATION: **US/10/091,177A**   TIME: 17:02:22

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\04152005\J091177A.raw**

IFW16

RAW SEQUENCE LISTING   DATE: 04/14/2005
PATENT APPLICATION: US/10/091,177A   TIME: 10:33:58

Input Set : A:\DFMP-P01-018.txt
Output Set: N:\CRF4\04142005\J091177A.raw

```
 4 <110> APPLICANT: Becker, Frank
 5        Come, Jon
 6        Kley, Nikolai A.
 7        Reichel, Christoph
 9 <120> TITLE OF INVENTION: THREE HYBRID ASSAY SYSTEM
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14 <141> CURRENT FILING DATE: 2002-03-04
16 <150> PRIOR APPLICATION NUMBER: 60/272,932
17 <151> PRIOR FILING DATE: 2001-03-02
19 <150> PRIOR APPLICATION NUMBER: 60/278,233
20 <151> PRIOR FILING DATE: 2001-03-23
22 <150> PRIOR APPLICATION NUMBER: 60/329,437
23 <151> PRIOR FILING DATE: 2001-10-15
25 <160> NUMBER OF SEQ ID NOS: 13
27 <170> SOFTWARE: PatentIn version 3.1
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ERRORED SEQUENCES

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176 <210> SEQ ID NO: 13
177 <211> LENGTH: 132
178 <212> TYPE: DNA
179 <213> ORGANISM: artificial sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: multiple cloning site of vector pACT2
185 <400> SEQUENCE: 13
186 aaaaaagaga tctgtatggc ttacccatac gatgttccag attacgctag cttgggtggt      60
188 catatggcca tggaggcccc ggggatccga attcgagctc gagagatcta tgaatcgtag     120
190 atactgaaaa ac                                                         132
E--> 195 1/4
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/091,177A**

DATE: 04/14/2005
TIME: 10:33:59

Input Set : **A:\DFMP-P01-018.txt**
Output Set: **N:\CRF4\04142005\J091177A.raw**

L:195 M:254 E: No. of Bases conflict, LENGTH:Input:4 Counted:133 SEQ:13
L:195 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
L:195 M:252 E: No. of Seq. differs, <211> LENGTH:Input:132 Found:133 SEQ:13